MAR 0 9 2005
PATENT & TRADEMARK OFFICE

DT07 Rec'd PCT/PTO 0 9 MAR 2005

MS PCT
PATENT
2830-0175PUS1

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:	H. MAIKINO et al.	Conf.:	6431
Int'l. Appl. No.:	PCT/JP03/00453		
Appl. No.	10/501,521	Group:	UNKNOWN
Filed:	July 16, 2004	Examiner:	UNKNOWN
For:	EXPANDER		

L E T T E R

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 9, 2005

Sir:

Applicant wishes to advise the United States Patent and Trademark Office that a Declaration was filed on March 3, 2005, to perfect Applicant's filing requirements.

The filing requirements were perfected prior to the receipt of the Notification of Missing Requirements *(371 Formalities Letter)*, a copy of which is attached hereto.

As evidence of Applicant's previous submission of a Declaration in connection with the present application, Applicant encloses a copy of the Declaration and Power of Attorney, filed

March 3, 2005, and a copy of the postcard indicating receipt of the Declaration by the U.S.P.T.O.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By _____
James M. Slattery, #28,380

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

JMS/ljr
2830-0175PUS1

Attachments: Copy of 371 Formalities Letter
Copy of Postcard Receipt
Copy of Declaration and Power of Attorney

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/501,521	Hiroyuki Makino	2830-0175PUS1

INTERNATIONAL APPLICATION NO.	
PCT/JP03/00453	
I.A. FILING DATE	PRIORITY DATE
01/21/2003	02/13/2002

02292
BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040-0747

DOCKETED
PERFECT: 4/18/05

CONFIRMATION NO. 6431

371 FORMALITIES LETTER

OC000000015220753

Date Mailed: 02/18/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/16/2004
- English Translation of the IA filed on 07/16/2004
- Copy of the International Search Report filed on 07/16/2004
- Copy of IPE Report filed on 07/16/2004
- Information Disclosure Statements filed on 07/16/2004
- U.S. Basic National Fees filed on 07/16/2004
- Priority Documents filed on 07/16/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DARRELL C COTTMAN

Telephone: (703) 308-9140 EXT 203

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/501,521	PCT/JP03/00453	2830-0175PUS1

FORM PCT/DO/EO/905 (371 Formalities Notice)

Papers Filed herewith on: 3-3-05

DOCKET NO.: 2830-0175PUS1 ATTY.: JMS

APPLICANT(S): Hiroyuki MAKINO et al.

APPLN. NO: 10/501,521 FILED: 7-16-04

PAT NO.:

- ☐ New Application with Transmittal Letter
- ☐ Utility ☐ Design ☐ CIP ☐ PCT ☐ Provisional
- ☐ Filing Under 37 CFR 1.53(b) ☐ CONT ☐ DIV
- ☐ Filing Under 37 CFR 1.114(RCE)
- ☐ Specification Consisting of: _____ pages
- ☐ Combined Declaration & Power of Attorney
- ☒ Assignment / Cover Letter
- ☐ Letter to Official Draftsman
- ☐ Drawings ___ Sheets ☐ Formal ☐ Annotated
- ☐ Completion of Filing Requirements, PCT/DO/EO/905 or Formalities Letter and Executed Declaration
- ☐ Priority Document(s) / Cover Letter, No. Doc. _____
- ☐ Amendment: _____
 - ☐ Transmtl Ltr ☐ Large Entity ☐ Small Entity
- ☐ Response _____
- ☐ Information Discl Stmnt. PTO-1449(s) _____ doc(s)
 - ☐ PTO / ISA / 210
- ☐ Notice of Appeal ☐ Appeal Brief
- ☐ Issue Fee Transmittal ☐ Sequence Listing
- ☒ FEES: $40.00 (Chk# 90332680)
- ☐ Letter:
- ☐ Other:

OIPE JC25 MAR 0 3 2005 PATENT & TRADEMARK OFFICE

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above identified case.
COMMISSIONER OF PATENTS AND TRADEMARKS

Due Date:

Handcarry:

DOCKET NO. 2830-0175PUS1

Papers Filed herewith on: 3-3-05

DOCKET NO.: 2830-0175PUS1 ATTY.: JMS

APPLICANT(S): Hiroyuki MAKINO et al.

APPLN. NO: 10/501,521 FILED: 7-16-04

PAT NO.:

- ☐ New Application with Transmittal Letter
- ☐ Utility ☐ Design ☐ CIP ☐ PCT ☐ Provisional
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- ☐ Drawings ___ Sheets ☐ Formal ☐ Annotated
- ☒ Completion of Filing Requirements, ~~PCT/DO/EO/905~~ or Formalities Letter and Executed Declaration
- ☐ Priority Document(s) / Cover Letter, No. Doc. _____
- ☐ Amendment: _____
 - ☐ Transmtl Ltr ☐ Large Entity ☐ Small Entity
- ☐ Response _____
- ☐ Information Discl Stmnt. PTO-1449(s) _____ doc(s)
 - ☐ PTO / ISA / 210
- ☐ Notice of Appeal ☐ Appeal Brief
- ☐ Issue Fee Transmittal ☐ Sequence Listing
- ☐ FEES:
- ☐ Letter:
- ☐ Other:

OIPE JC25 MAR 0 3 2005 PATENT & TRADEMARK OFFICE

Receipt is hereby acknowledged of the papers filed as indicated in connection with the above identified case.
COMMISSIONER OF PATENTS AND TRADEMARKS

Due Date:

Handcarry:

DOCKET NO. 2830-0175PUS1

BEST AVAILABLE COPY

MS PCT
PATENT
2830-0175PUS1

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANT:	Hiroyuki MAKINO et al.
INTERNATIONAL APPL. NO.:	PCT/JP03/00453
APPL. NO.:	10/501,521
CONF.:	6431
FILED:	July 16, 2004
FOR:	EXPANDER

LETTER SUBMITTING ADDITIONAL DOCUMENTS FOR
ENTERING NATIONAL PHASE FOR A PCT APPLICATION

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 3, 2005

Sir:

Under the provisions of 37 C.F.R. § 1.494 or 37 C.F.R. § 1.495, attached hereto are the following additional items necessary for entering the national phase in connection with the above-identified PCT international application.

DOCUMENTATION

☒ Executed Declaration and Power of Attorney
☐ Original ☒ Photocopy

☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification that was filed in the U.S. Patent and Trademark Office on July 16, 2004, including any amendments thereto (if applicable) filed on even date therewith.

☒ The undersigned hereby declares that "Attorney Docket No. 2830-0175PUS1" on page 1 of the attached inventors'

Declaration corresponds to Appl. No. 10/501,521 filed July 16, 2004 entitled "EXPANDER."

☐ Attached is a copy of the Notification of Missing Requirements *(371 Formalities Letter)*.

☐ Attached is an English language translation of the above-identified application that was filed in a foreign language, which should be used as the copy for examination purposes.

- ☐ See the attached Translator's Verification; or
- ☐ The undersigned states that the English translation attached hereto is a true and correct translation of the application as originally filed in a foreign language.

☐ Attached are _____() sheet(s) of drawings. Please substitute these corrected drawings for the corresponding _____() sheets of drawings on file in the above-identified application.

☐ Attached are substitute claims commencing on a separate sheet in accordance with 37 C.F.R. § 1.75(h).

☐ Attached is a substitute abstract commencing on a separate sheet in accordance with 37 C.F.R. § 1.72(b).

☐ Attached is a substitute specification that complies with 37 C.F.R. § 1.52. The substitute specification does not contain new matter.

☐ Applicant claims small entity status under 37 C.F.R. § 1.27.

☒ Submitted concurrently herewith **under separate cover** for recording is an Assignment.

☐ _____

FEES

☒ The Government Filing Surcharge for late filing of oath and/or declaration in the amount of $130.00 in accordance with 37 C.F.R. §§ 1.494 and 1.492 was previously paid for concurrently with the filing of the application on July 16, 2004.

☐ The Government Filing Surcharge for late filing of the English translation in the amount of $0.00 in accordance with 37 C.F.R. § 1.492 was previously paid for concurrently with the filing of the application on .

☐ Application Size Fee in the amount of $0.00, calculated as follows: *(for submission of Translation of Specification or Substitute Specification and Drawings)*

			LARGE ENTITY	SMALL ENTITY
SHEETS OF SPEC & DWG	-100 =	0	0 x 250 =	0 x 125 = $0

☐ Additional claim fee(s) under 37 C.F.R. § 1.16(b)-(d) in the amount of $0.00; which have been calculated as follows:

	CURRENT NUMBER OF CLAIMS		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATES	ADDITIONAL FEE
TOTAL	4	-	20	=	0	$50 (large)	$0.00
INDEPENDENT	1	-	3	=	0	$200 (large)	$0.00
☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						$360 (large)	$0.00
						TOTAL	**$0.00**

☒ No extension fee is required because the undersigned has not yet received the Notification of Missing Requirements (Formalities Letter). However, if for some reason it is determined that an extension of time is necessary, applicant hereby respectfully petitions for an extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17.

☐ Applicant(s) hereby respectfully petitions for () month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17. The required fee of $0.00 is attached hereto.

☐ Check(s) in the amount of $0.00 to cover the above-mentioned fees is/are enclosed.

☐ Please charge Deposit Account No. 02-2448 in the amount of $0.00. A triplicate copy of this transmittal form is enclosed.

☒ No fee(s) required.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By _____ Reg No 32,334
James M. Slattery, #28,380

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

JMS/adt
2830-0175PUS1

Attachment(s)